

Название публикации:

The human component of the process of improving productivity in the agrarian sector

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Аннотация:

The purpose of the work is to study the human component of the process of increasing labor productivity in the agrarian sector using the example of contemporary Russia, and to develop recommendations for the most complete disclosure of the human potential to promote technological modernization of the agricultural sector of contemporary Russia. To determine the role and significance of the human component in the process of increasing labor productivity in the agrarian sector, we use the methods of regression and correlation analysis. With the help of these methods, the dependence of labor productivity in the agrarian sector of Russia in 2005-2017 on the factors related to the human component, such as the proportion of workers with higher education and the share of onetime incentive (stimulating) payments in the structure of labor costs was determined, as well as labor productivity dependence on the factors related to the material and technical component, such as the level of depreciation of fixed assets and investment in fixed assets. These dependencies are compared with each other that allow us defining which factors have the most significant impact on labor productivity in the agricultural sector. The statistical materials of Rosstat, which are presented in the Table 1, were used as the information and analytical basis for the study. As a result, it was concluded that the human component in a significant way and to a much greater extent than the material and technical component, determines the success of the process of increasing labor productivity in the agricultural sector. The key result of the research is the authors' concept of technological modernization of the agrarian sector of contemporary Russia with an emphasis on the human component of the process of increasing labor productivity. It also contains recommendations for the state and enterprises of the agricultural sector, and describes the most preferable model for the functioning and development of the agricultural sector in the medium-term perspective (until the year 2025).

Ключевые слова:

Agrarian sector, Contemporary Russia, Human component, Increase in productivity of labor